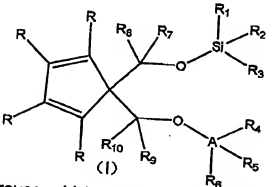
Abstract

The present invention relates to a silicon ether compound having general formula (I):



(I)

wherein, R and R_1-R_{10} groups, which may be identical or different, represent hydrogen, halogen, C_1-C_{20} linear or branched alkyl, C_3-C_{20} cycloalkyl, C_6-C_{20} aryl, C_7-C_{20} alkaryl or C_7-C_{20} aralkyl group, and two or more R groups can be linked to form saturated or unsaturated condensed ring structure which is optionally substituted by a group having the same meanings with that of R_1, R and R_1-R_{10} groups optionally contain one or more hetero-atoms replacing carbon atom, hydrogen atom or the both, said hetero-atom is selected from the group consisting of nitrogen, oxygen, sulfur, silicon, phosphorus and halogen atom, and A represents carbon atom or silicon atom. The present invention also relates to a method for the preparation of the silicon ether compounds of general formula (I) and a process for polymerization of olefins.